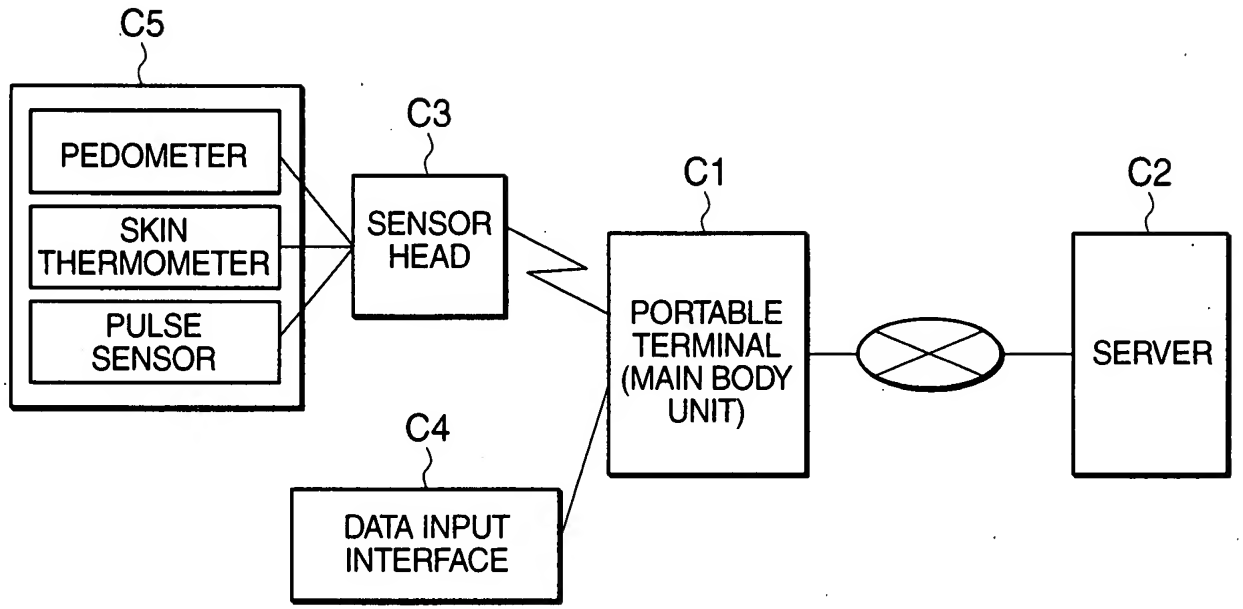
C5
PEDOMETER
SKIN THERMOMETER
PULSE SENSOR
C3
SENSOR HEAD
C1
PORTABLE TERMINAL (MAIN BODY UNIT)
C2
SERVER
C4
DATA INPUT INTERFACE

Fig.1

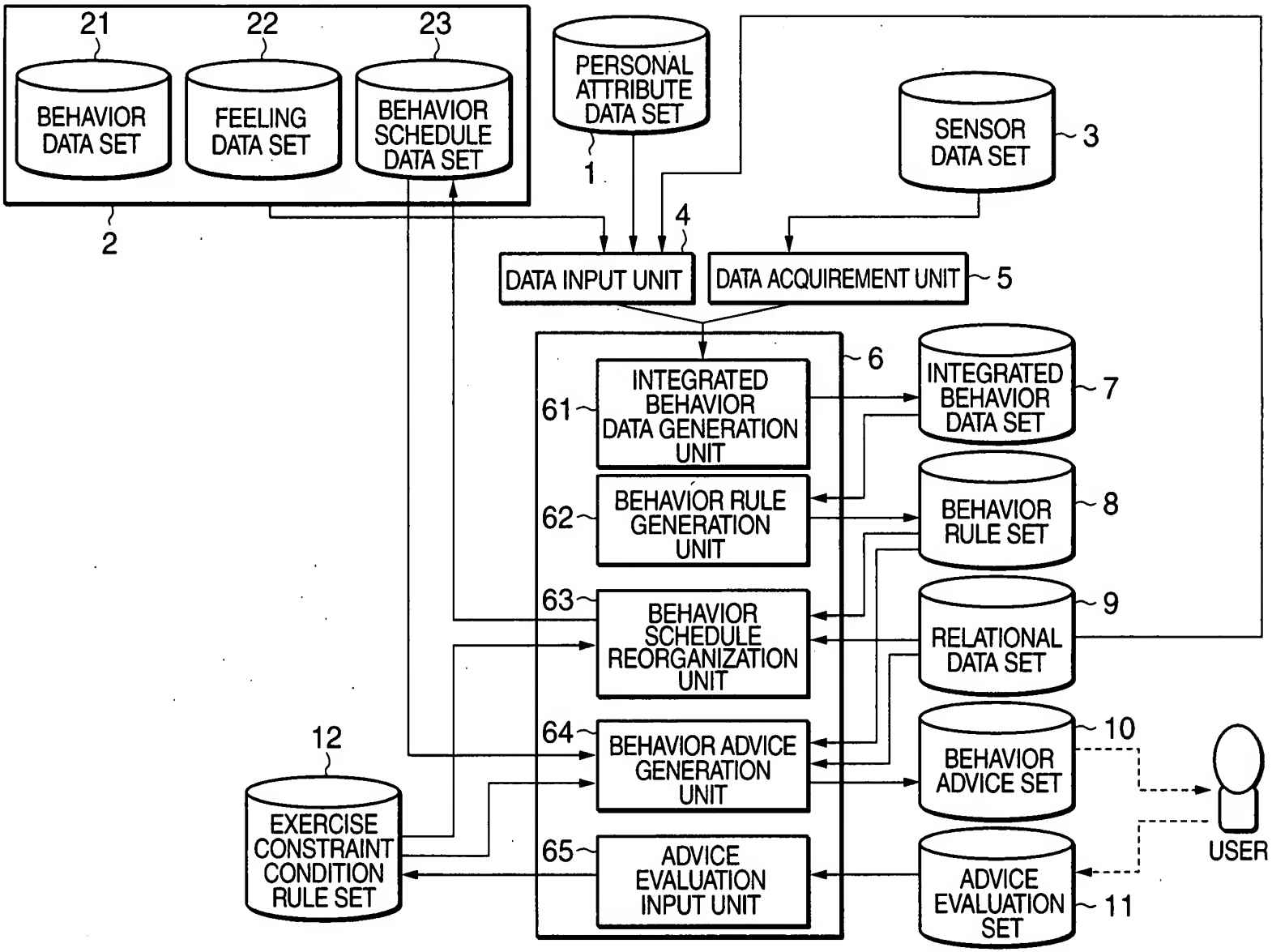
21
22
23
BEHAVIOR DATA SET
FEELING DATA SET
BEHAVIOR SCHEDULE DATA SET
2
PERSONAL ATTRIBUTE DATA SET
1
SENSOR DATA SET
3
4
DATA INPUT UNIT
DATA ACQUIREMENT UNIT
5
6
61
INTEGRATED BEHAVIOR DATA GENERATION UNIT
62
BEHAVIOR RULE GENERATION UNIT
63
BEHAVIOR SCHEDULE REORGANIZATION UNIT
64
BEHAVIOR ADVICE GENERATION UNIT
65
ADVICE EVALUATION INPUT UNIT
INTEGRATED BEHAVIOR DATA SET
7
BEHAVIOR RULE SET
8
RELATIONAL DATA SET
9
BEHAVIOR ADVICE SET
10
ADVICE EVALUATION SET
11
USER
12
EXERCISE CONSTRAINT CONDITION RULE SET

Fig.2

PERSONAL ATTRIBUTE DATA SET

NO.	USER NAME	NAME	AGE	OCCUPATION	ADDRESS	PLACE OF WORK	PASSWORD
1	taro	TARO DENKI	45	SE	B, A TOWN,MIYAMAE-KU KAWASAKI-CITY	C, TAMA-KU KAWASAKI-CITY	* * * *
2	hanako	HANAKO DENKI	38	BUISINESS	B, A TOWN,MIYAMAE-KU KAWASAKI-CITY	D, NAKA-KU KAWASAKI-CITY	* * * *

Fig.3

BEHAVIOR DATA SET

NO.	DATE	START TIME	END TIME	FROM	TO	USER	BEHAVIOR LABEL	ROUTE
1	2002/12/6	7:55	9:07	HOME	PLACE OF WORK	taro	ATTENDANCE	USUAL COMMUTATION
2	2002/12/6	21:56	22:50	PLACE OF WORK	THE THIRD STORE	taro	LEAVING	SHOPPING COMMUTATION
3	2002/12/6	N/A	23:15	THE THIRD STORE	HOME	taro		

Fig.4

FEELING DATA SET

NO.	DATE	START TIME	END TIME	USER	FEELING	FEELING DESCRIPTION
1	2002/12/6	7:55	9:07	taro	GOOD	It is cloudy, but I feel good.
2	2002/12/6	21:56	23:15	taro	SUPREME	I got what I wanted. Furthermore, I exercised by walking. It was a good change of air.

Fig.5

BEHAVIOR SCHEDULE DATA SET

NO.	DATE	START TIME	END TIME	FROM	TO	USER	BEHAVIOR LABEL	ROUTE SHCEDULE
1	2002/12/6	7:30	8:30	HOME	PLACE OF WORK	taro	ATTENDANCE	USUAL COMMUTATION
2	2002/12/6	21:30	22:30	PLACE OF WORK	HOME	taro	LEAVING	SHOPPING COMMUTATION

Fig.6

SENSOR DATA SET

NO.	DATE	START TIME	END TIME	SENSOR A MEASUREMENT VALUE FROM	SENSOR A MEASUREMENT VALUE TO
1	2002/12/6	7:55	9:07	0	1548
2	2002/12/6	21:56	22:50	4732	5643
3	2002/12/6	N/A	23:15	N/A	7893

Fig.7

INTEGRATED BEHAVIOR DATA SET

NO.	DATE	START TIME	END TIME	ROUTE	USER	BEHAVIOR LABEL	NECESSARY TIME	DELAY START TIME	NECESSARY EXTENSION TIME	NUMBER OF STEPS	ACCUMULATED NUMBER OF STEPS	FEELING	FEELING DESCRIPTION
1	2002/12/6	7:55	9:07	NORMAL COMMUTATION	taro	ATTENDANCE	01h12m	00h25m	00h12m	1548	1548	GOOD	It is cloudy, but I feel good.
2	2002/12/6	9:07	12:21	PRIVATE ROOM	taro	AM BUSINESS	03h14m	00h37m	-00h36m	236	1784		
3	2002/12/6	12:21	13:08	LUNCH PATH1	taro	LUNCH	00h47m	00h01m	00h07m	955	2739		
4	2002/12/6	13:08	17:01	PRIVATE ROOM	taro	PM BUSINESS1	03h53m	00h08m	-00h07m	196	2935	UNWELL	I feel unwell with restricted exercise.
5	2002/12/6	17:01	17:51	LIBRARY PATH1	taro	INSPECTION	00h50m	00h01m	-00h10m	881	3816		
6	2002/12/6	17:51	19:03	PRIVATE ROOM	taro	PM BUSINESS2	01h12m	-00h09m	00h12m	111	3927		
7	2002/12/6	19:03	19:51	DINING PATH1	taro	DINING	00h48m	00h03m	-00h12m	515	4442		
8	2002/12/6	19:51	21:56	PRIVATE ROOM	taro	NIGHT BUSINESS	02h05m	-00h09m	00h35m	290	4732		
9	2002/12/6	21:56	23:15	SHOPPING COMMUTATION	taro	LEAVING	01h19m	00h26m	00h19m	3161	7893	SUPREME	It got what I wanted. Furthermore, I exercised by walking. It was a good change of air.

Fig.8

BEHAVIOR RULE:

1. WEATHER : EXCEPT FOR RAIN
2. ATTENDANCE BY 9: 07
3. LEAVING BY 21: 56
4. DAY WHEN FEELING IS NOT UNWELL DURING WORKING

1. GO SHOPPING ON THE WAY BACK FROM THE OFFICE EVERY SECOND DAY
2. NUMBER OF STEPS : OVER 7000
3. FEELING IS GOOD (REAPPEARANCE RATIO : 100%)

Fig.9

CONCEPT DICTIONARY DATA SET

NO.	HIGH LEVEL CONCEPT	LOW LEVEL CONCEPT	TEXTUAL REPRESENTATION	CONDITION
1	holiday	usual holiday	usual holiday	
2	holiday	public holiday	public holiday	
3	holiday	salaried holiday	salaried holiday	
4	usual business	AM business	AM business n	n:natural number
5	usual business	PM business	PM business n	n:natural number
6	usual business	search	inspection	
7	usual business	meeting	s meeting	s:arbitrary string characters
8	overtime business	overtime work	night business n	n:natural number
9	overtime business	overtime work	midnight business n	n:natural number
10	rest	meal	lunch	
11	rest	meal	dinner	
12	rest	PM rest	PM rest n	n:natural number
13	place of work	company	private room	
14	place of work	company	the n-th council room	n:natural number
15	place of work	company	the n-th dining room	n:natural number
16	place of work	company	private room	
17	store	restaurant	the n-th dining room	
18	store	grocery store	the n-th store	n:natural number
19	commutation	attendance	attendance	
20	commutation	leaving	leaving	
21	commutation route	usual commutation route	usual commutation going route	
22	commutation route	usual commutation route	usual commutation returning route	
23	commutation route	shopping commutation route	shopping commutation going route	
24	commutation route	shopping commutation route	shopping commutation returning route	
25	business working route	conference route 1	conference going route 1	
26	business working route	conference route 1	conference returning route 1	
27	business working route	lunch route 1	lunch going route 1	
28	business working route	lunch route 1	lunch returning route 1	
29	business working route	dinner route 1	dinner going route 1	
30	business working route	dinner route 1	dinner returning route 1	
31	business working route	library route 1	library going route 1	
32	business working route	library route 1	library returning route 1	
33	business working route		circumference routes of private room	

Fig.10

BEHAVIOR LABEL SET

NO.	BEHAVIOR LABEL	FROM	TO	CONDITION
1	attendance	home	place of work	
2	leaving	place of work	home	
3	lunch	private room the third dining room	the third dining room private room	11:00<time<14:00
4	inspection	private room library	library private room	
5	dinner	private room the first dining room	the first dining room private room	18:30<time<20:30
6	shopping in the middle of work	private room store	store private room	
7	AM business			7:00<time<12:30 except for above rules
8	PM business			13:00<time<19:50 except for above rules
9	night business			19:50<time<23:30 except for above rules

Fig.11

CALENDER WEATHER DATA SET

DATA NO.	DATA	WEEK DAY	USUAL HOLIDAY	PUBLIC HOLIDAY	SALARIED HOLIDAY	THE X-TH WEEK	WEATHER (DAYTIME)	WEATHER (NIGHTTIME)	AVERAGE TEMPERATURE(℃)	AVERAGE HUMIDITY
1	2002/12/1	SUN.	YES	YES	NO	1	RAIN	RAIN	9.9	77
2	2002/12/2	MON.	NO	NO	NO	1	FINE	CLOUDY	10.3	68
3	2002/12/3	TUE.	NO	NO	NO	1	FINE	CLOUDY	10.3	65
4	2002/12/4	WED.	NO	NO	NO	1	RAIN	FINE	9.3	81
5	2002/12/5	THUR.	NO	NO	NO	1	CLOUDY	CLOUDY	13.4	72
6	2002/12/6	FRI.	NO	NO	NO	1	CLOUDY	CLOUDY	11.7	51
7	2002/12/7	SAT.	YES	YES	NO	1	RAIN	RAIN	6.4	76
8	2002/12/8	SUN.	YES	YES	NO	2	RAIN	RAIN	5.8	73
9	2002/12/9	MON.	NO	NO	NO	2	SNOW	SNOW	1.3	89
10	2002/12/10	TUE.	NO	NO	NO	2	RAIN	FINE	4.2	76

Fig.12

ROUTE DATA SET

NO.	ROUTE LABEL	MAP	FROM	TO	ROUTE	POINT LIST
1	usual commutation going route	A	y1	t1	1	[y1, sa1, sb, t1]
	usual commutation returning route	A	t1	y1	2	[t1, sb, sa1, y1]
2	shopping commutation going route	A	y1	t1	1	[y1, s1, sa1, sb, t1]
	shopping commutation returning route	A	t1	y1	2	[t1, sb, sa1, s1, y1]
3	conference going route 1	B	md	r1	1	[md, r1]
	conference returning route 1	B	r1	md	1	[r1, md]
4	lunch going route 1	B	md	d1	2	[md, d1]
	lunch returning route 1	B	d1	md	2	[d1, md]
5	dinner going route 1	B	md	d2	3	[md, d2]
	dinner returning route 1	B	d2	md	3	[d2, md]
6	library going route 1	B	md	l1	4	[md, l1]
	library returning route 1	B	l1	md	4	[l1, md]
7	circumference routes of private room	B	md			

Fig.13

LOCATION DATA SET

NO.	MAP	POINT	NAME LABEL	LOCATION
1	A	y1	home	B street number, A town, Miyamae-ku, Kawasaki-city
2	A	s1	the third store	C street number, A town, Miyamae-ku, Kawasaki-city
3	A	sa	A station	D street number, A town, Miyamae-ku, Kawasaki-city
4	A	t1	place of work	D street number, C town, Saiwai-ku, Kawasaki-city
5	A	sb	B station	E street number, C town, Saiwai-ku, Kawasaki-city
6	B	md	private room	the first development building
7	B	r1	meeting room	the first development building
8	B	l1	library	the first development building
9	B	d1	the first dining room	the first development building
10	B	d2	the second dining room	the first development building

Fig.14

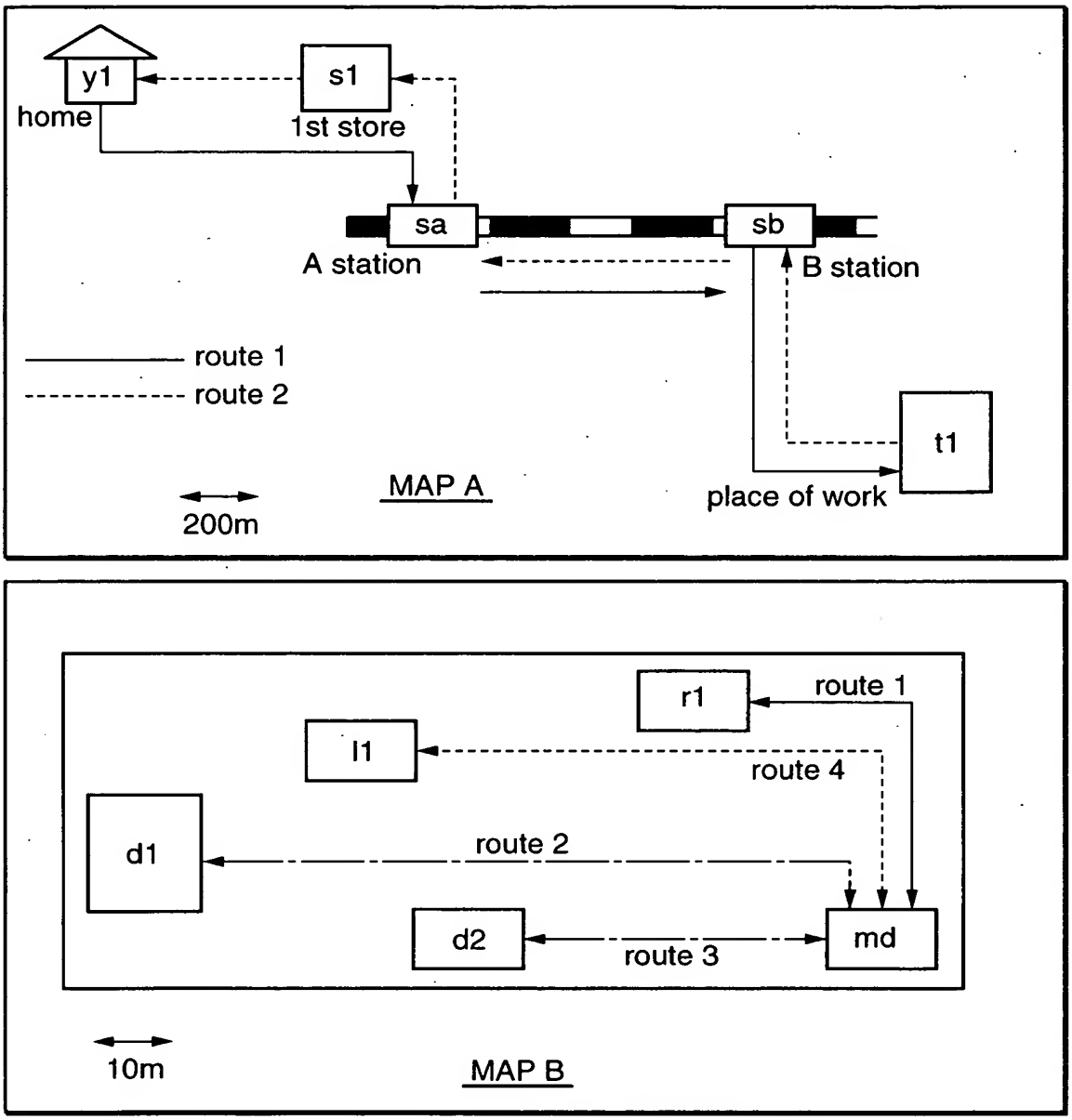
y1
home
s1
1st store
sa
A station
sb
B station
route 1
route 2
t1
place of work
MAP A
200m
r1
route 1
l1
route 4
d1
route 2
d2
route 3
md
10m
MAP B

Fig.15

MAP RELATIONAL DATA SET

NO.	MAP	POINT	DETAIL MAP
1	A	(t1)	B
2	A	(y1)	C
3	A	(t1, y1)	D
4	B	(d1)	E

Fig.16

ADVICE : Today, if you leave the office by 21:30 and go shopping, it is a good exercise for you and you will feel well.

ESTIMATED NUMBER OF STEPS : 8613

Fig.17

EXERCISE CONSTRAINT CONDITION RULE

1. Weather except for rain
2. attendance by 9:07 and leaving by 21:26
3. no shopping yesterday
4. not unwell feeling during usual business

1. I went shopping on my way back from the office.
2. above 7000 steps (8613 steps)
3. feeling : supreme

ADVICE EVALUATION : A(good advice, I put it in action)

Fig.18

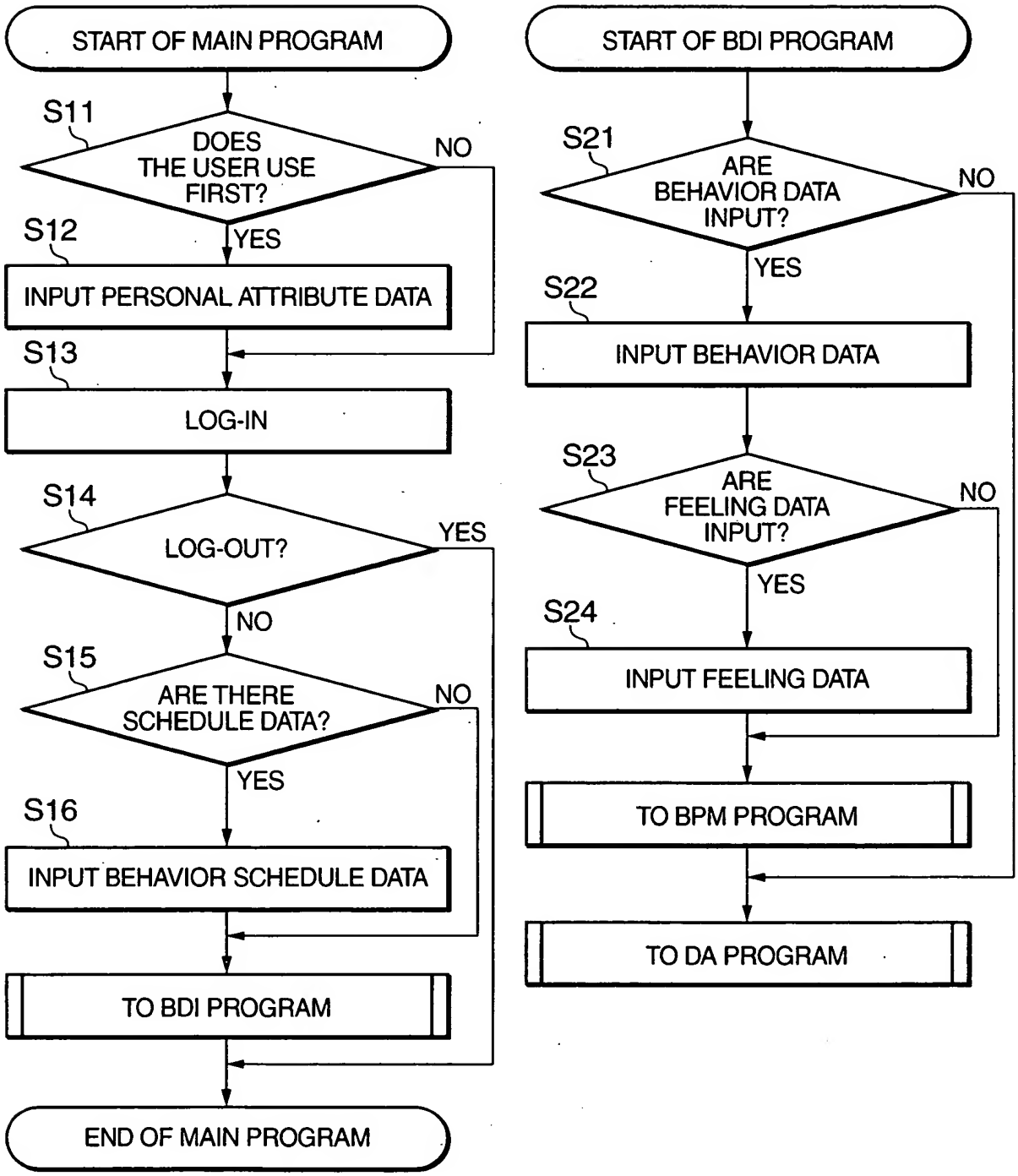
START OF MAIN PROGRAM
S11
DOES THE USER USE FIRST?
NO
YES
S12
INPUT PERSONAL ATTRIBUTE DATA
S13
LOG-IN
S14
LOG-OUT?
YES
NO
S15
ARE THERE SCHEDULE DATA?
NO
YES
S16
INPUT BEHAVIOR SCHEDULE DATA
TO BDI PROGRAM
END OF MAIN PROGRAM
START OF BDI PROGRAM
S21
ARE BEHAVIOR DATA INPUT?
NO
YES
S22
INPUT BEHAVIOR DATA
S23
ARE FEELING DATA INPUT?
NO
YES
S24
INPUT FEELING DATA
TO BPM PROGRAM
TO DA PROGRAM

Fig.19A

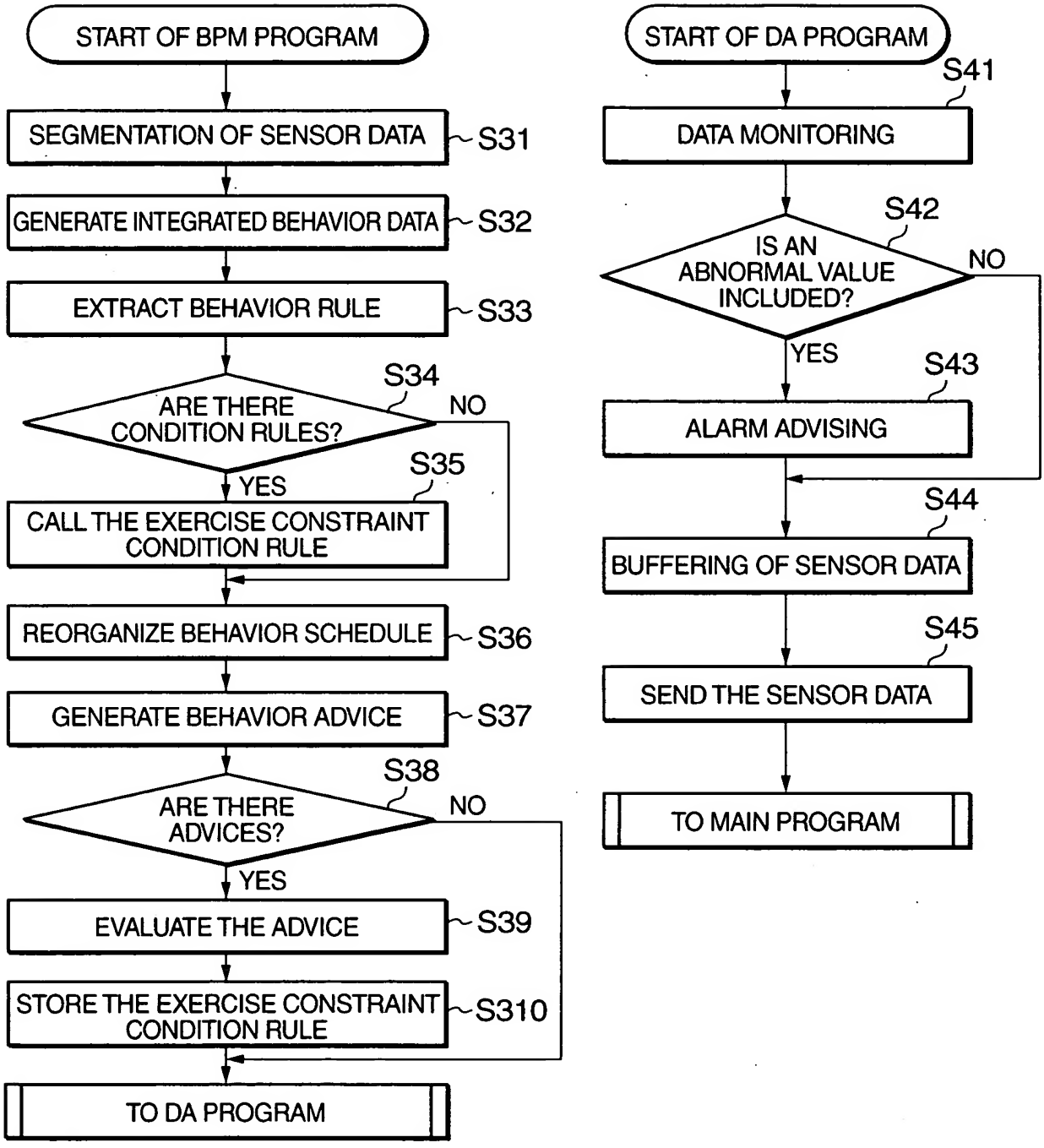
START OF BPM PROGRAM
SEGMENTATION OF SENSOR DATA
S31
GENERATE INTEGRATED BEHAVIOR DATA
S32
EXTRACT BEHAVIOR RULE
S33
S34
ARE THERE CONDITION RULES?
NO
YES
S35
CALL THE EXERCISE CONSTRAINT CONDITION RULE
REORGANIZE BEHAVIOR SCHEDULE
S36
GENERATE BEHAVIOR ADVICE
S37
S38
ARE THERE ADVICES?
NO
YES
EVALUATE THE ADVICE
S39
STORE THE EXERCISE CONSTRAINT CONDITION RULE
S310
TO DA PROGRAM
START OF DA PROGRAM
S41
DATA MONITORING
S42
IS AN ABNORMAL VALUE INCLUDED?
NO
YES
S43
ALARM ADVISING
S44
BUFFERING OF SENSOR DATA
S45
SEND THE SENSOR DATA
TO MAIN PROGRAM

Fig.19B

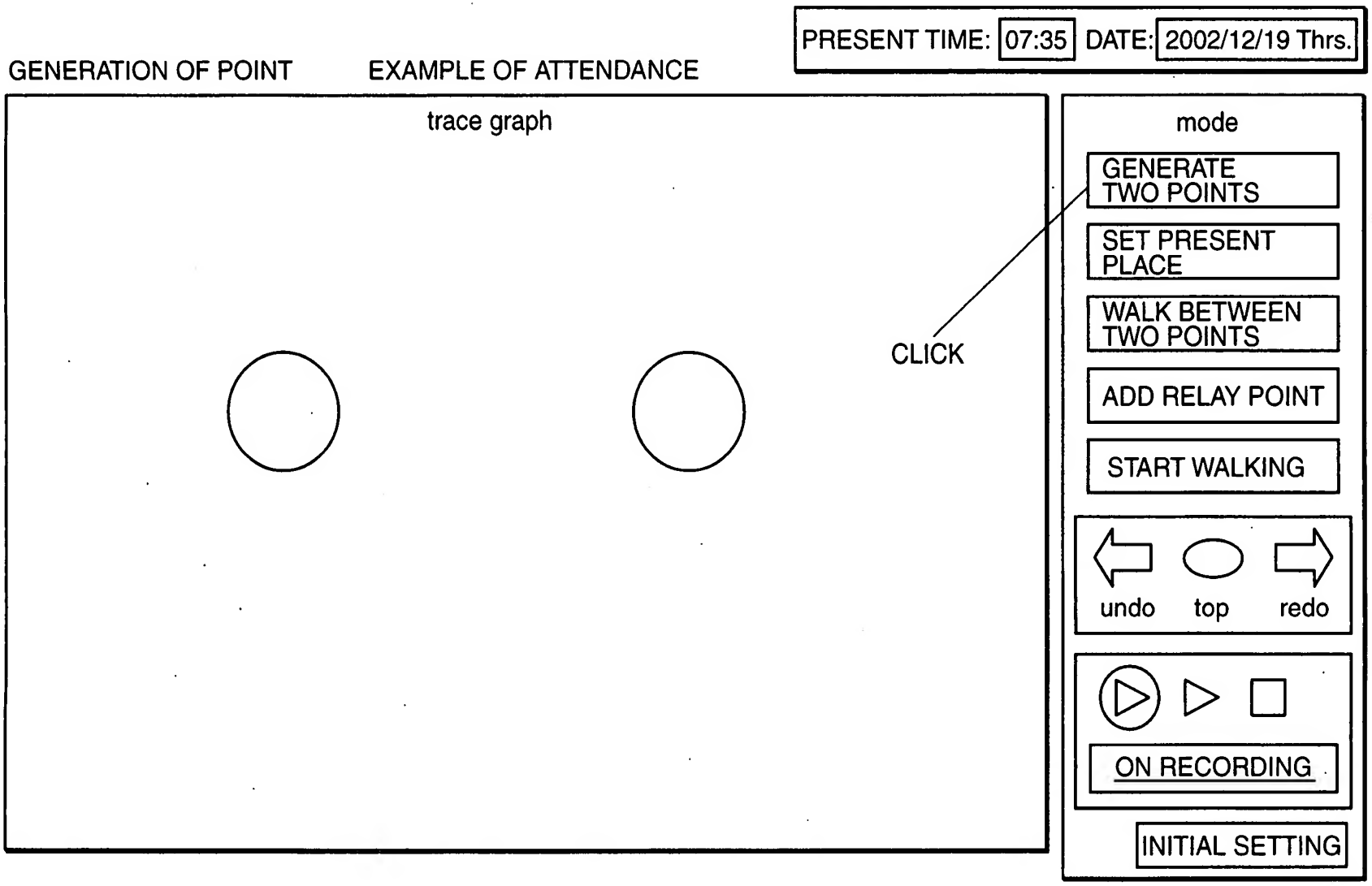
PRESENT TIME: 07:35 DATE: 2002/12/19 Thrs.
GENERATION OF POINT
EXAMPLE OF ATTENDANCE
trace graph
CLICK
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.20

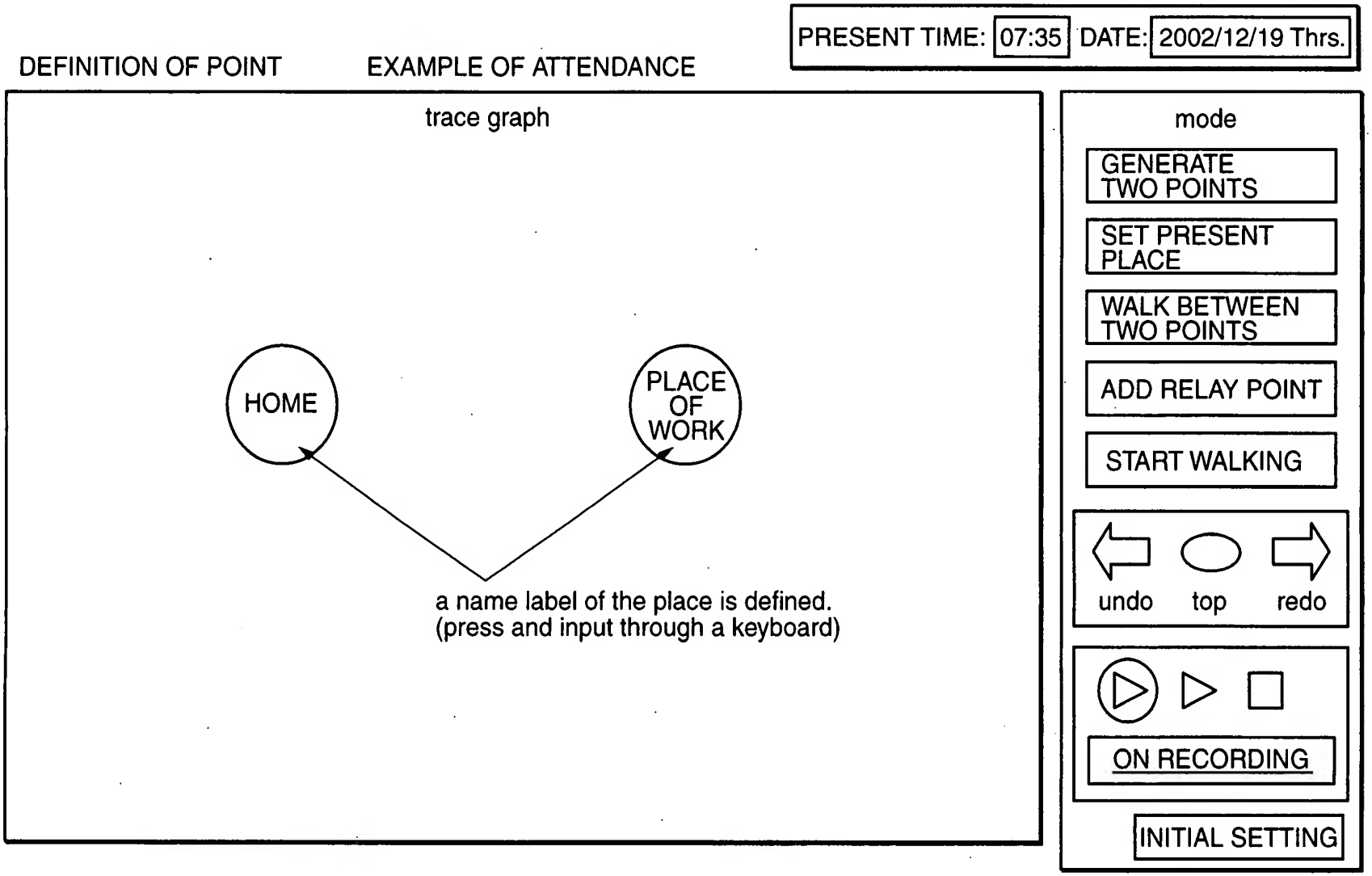
PRESENT TIME: 07:35 DATE: 2002/12/19 Thrs.
DEFINITION OF POINT
EXAMPLE OF ATTENDANCE
trace graph
HOME
PLACE OF WORK
a name label of the place is defined.
(press and input through a keyboard)
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.21

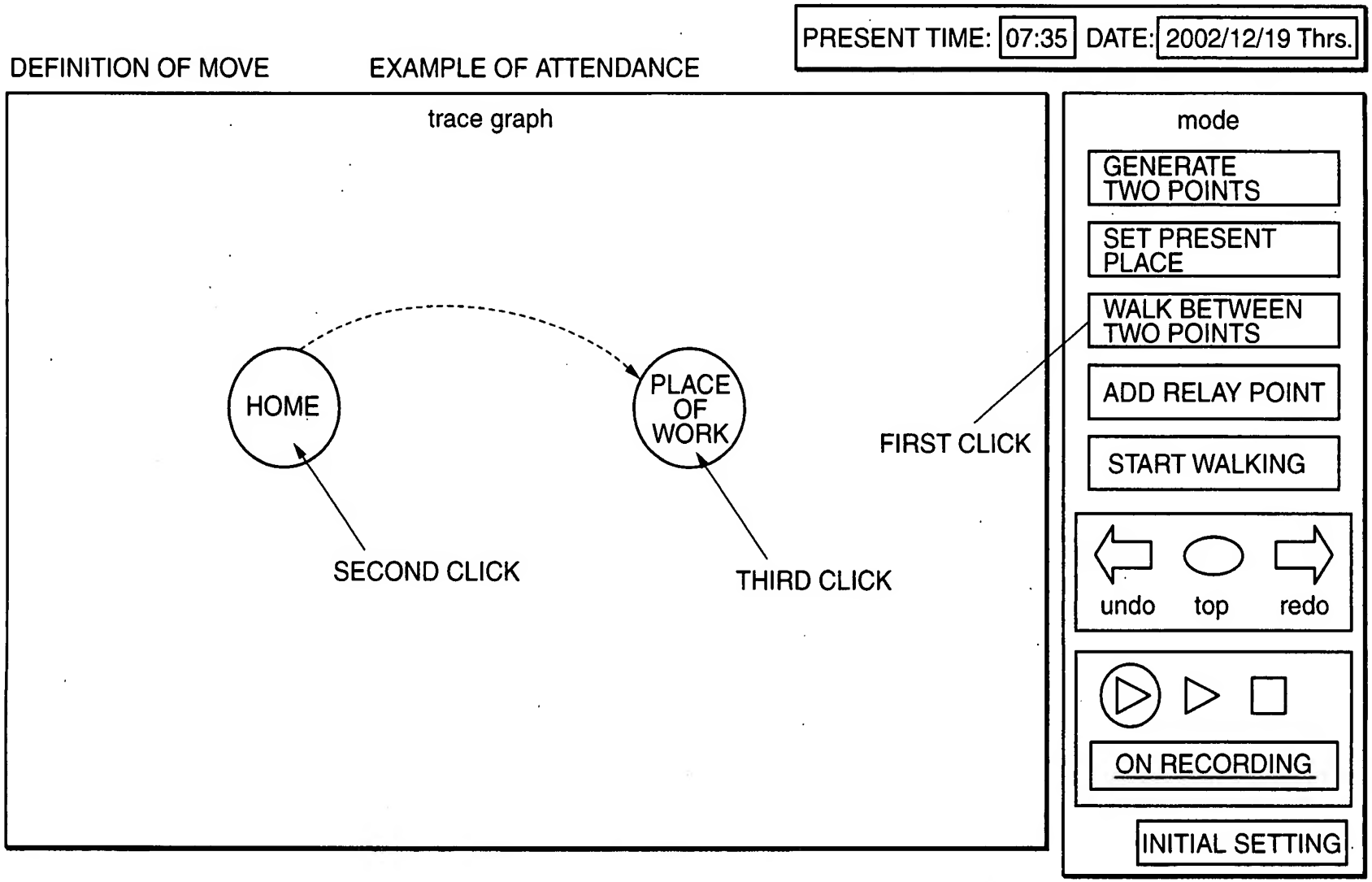
PRESENT TIME: 07:35 DATE: 2002/12/19 Thrs.
DEFINITION OF MOVE
EXAMPLE OF ATTENDANCE
trace graph
HOME
PLACE OF WORK
FIRST CLICK
SECOND CLICK
THIRD CLICK
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.22

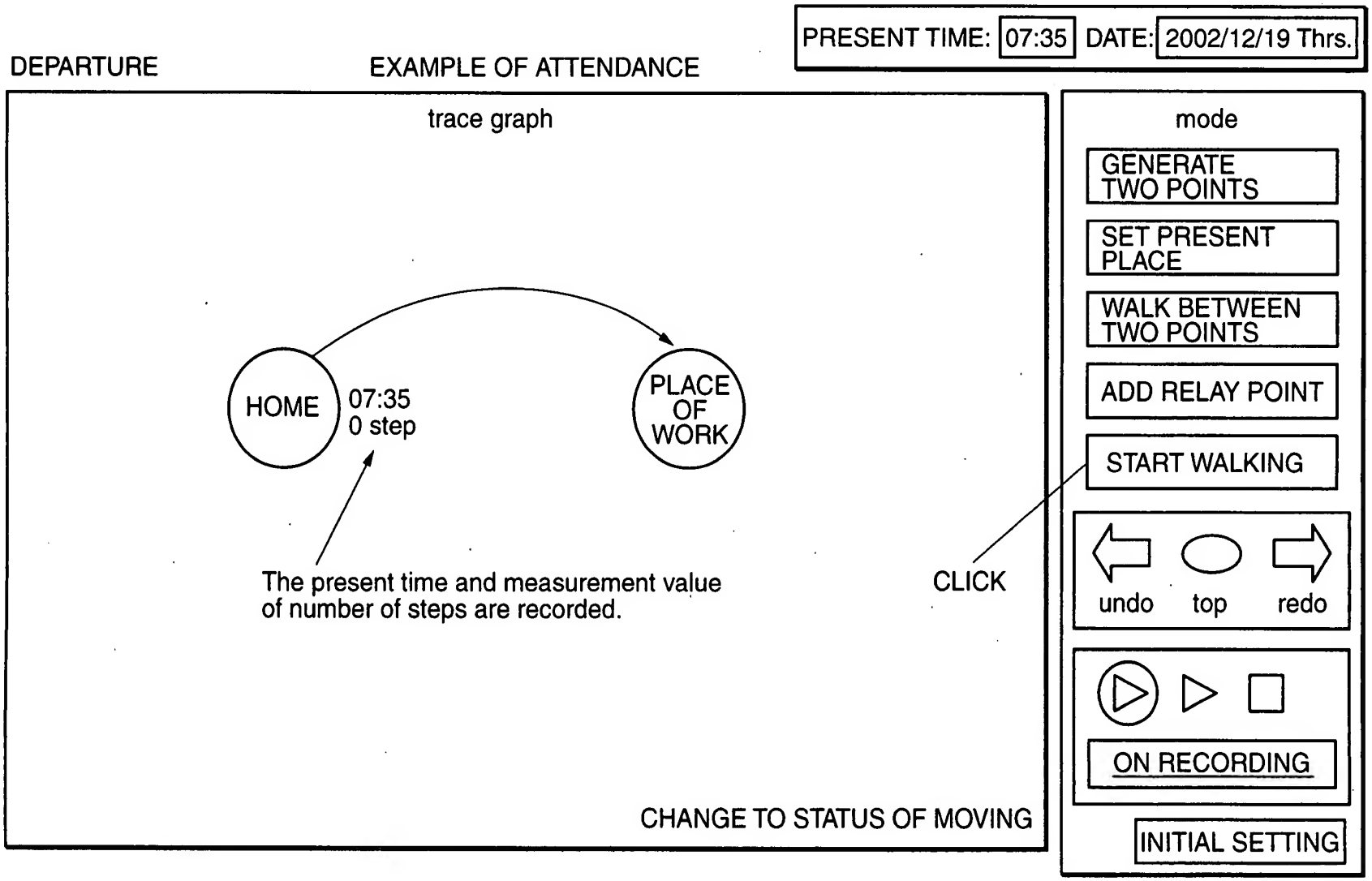
PRESENT TIME: 07:35 DATE: 2002/12/19 Thrs.
DEPARTURE
EXAMPLE OF ATTENDANCE
trace graph
HOME
07:35
0 step
PLACE OF WORK
The present time and measurement value of number of steps are recorded.
CLICK
CHANGE TO STATUS OF MOVING
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.23

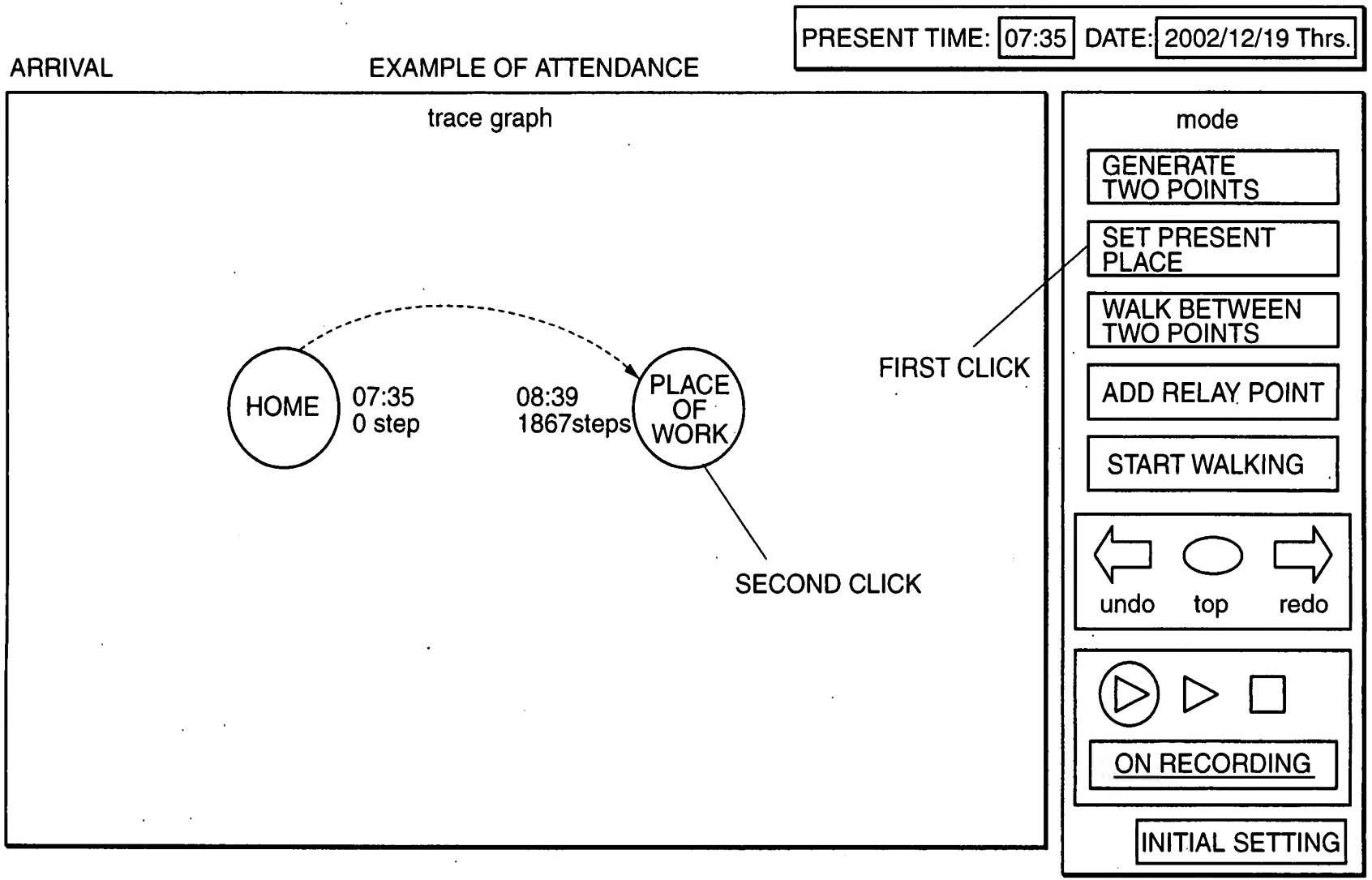
PRESENT TIME: 07:35 DATE: 2002/12/19 Thrs.
ARRIVAL
EXAMPLE OF ATTENDANCE
trace graph
HOME
07:35
0 step
08:39
1867steps
PLACE OF WORK
FIRST CLICK
SECOND CLICK
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.24

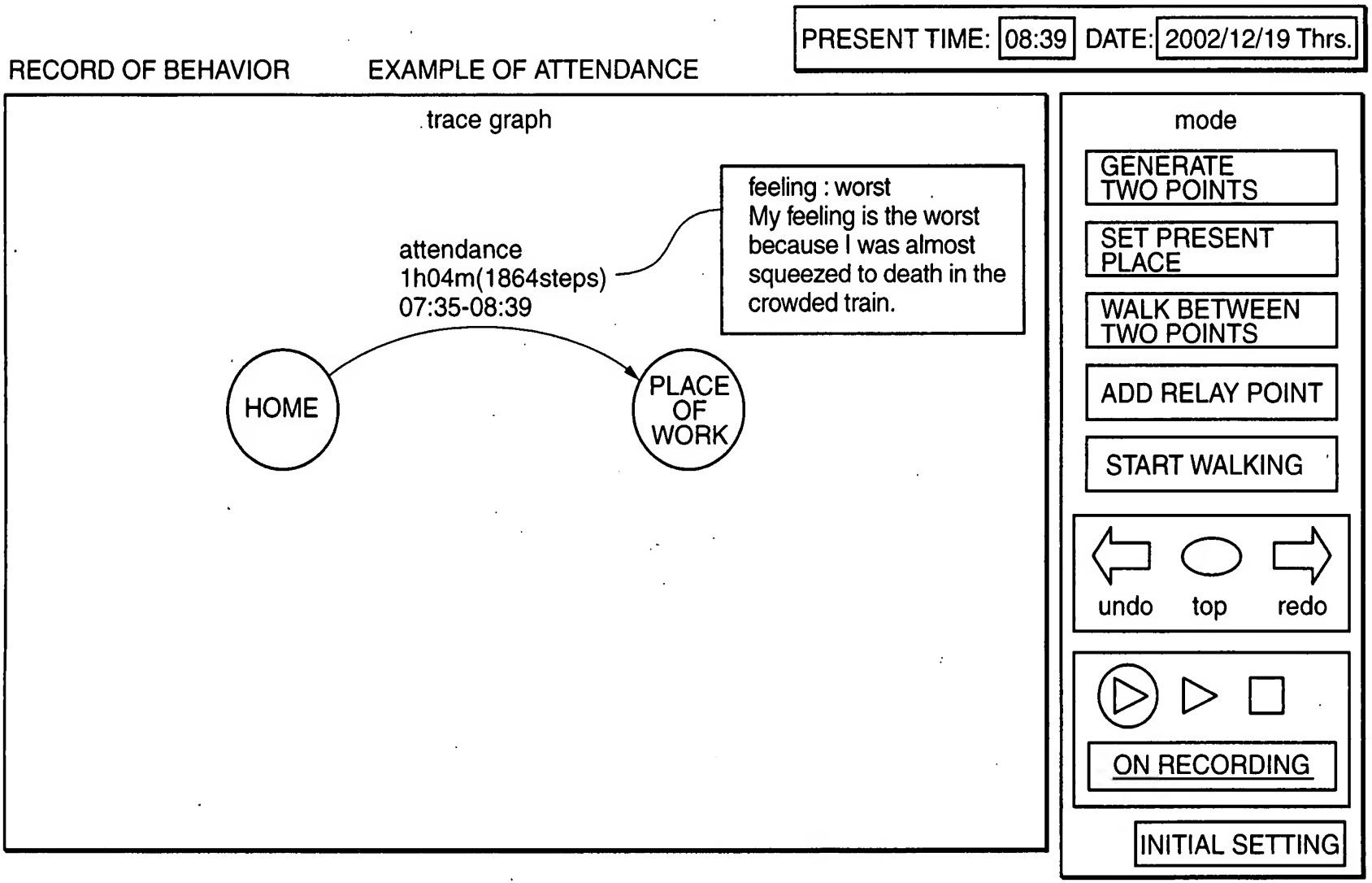
PRESENT TIME: 08:39 DATE: 2002/12/19 Thrs.
RECORD OF BEHAVIOR
EXAMPLE OF ATTENDANCE
trace graph
feeling : worst
My feeling is the worst because I was almost squeezed to death in the crowded train.
attendance
1h04m(1864steps)
07:35-08:39
HOME
PLACE OF WORK
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.25

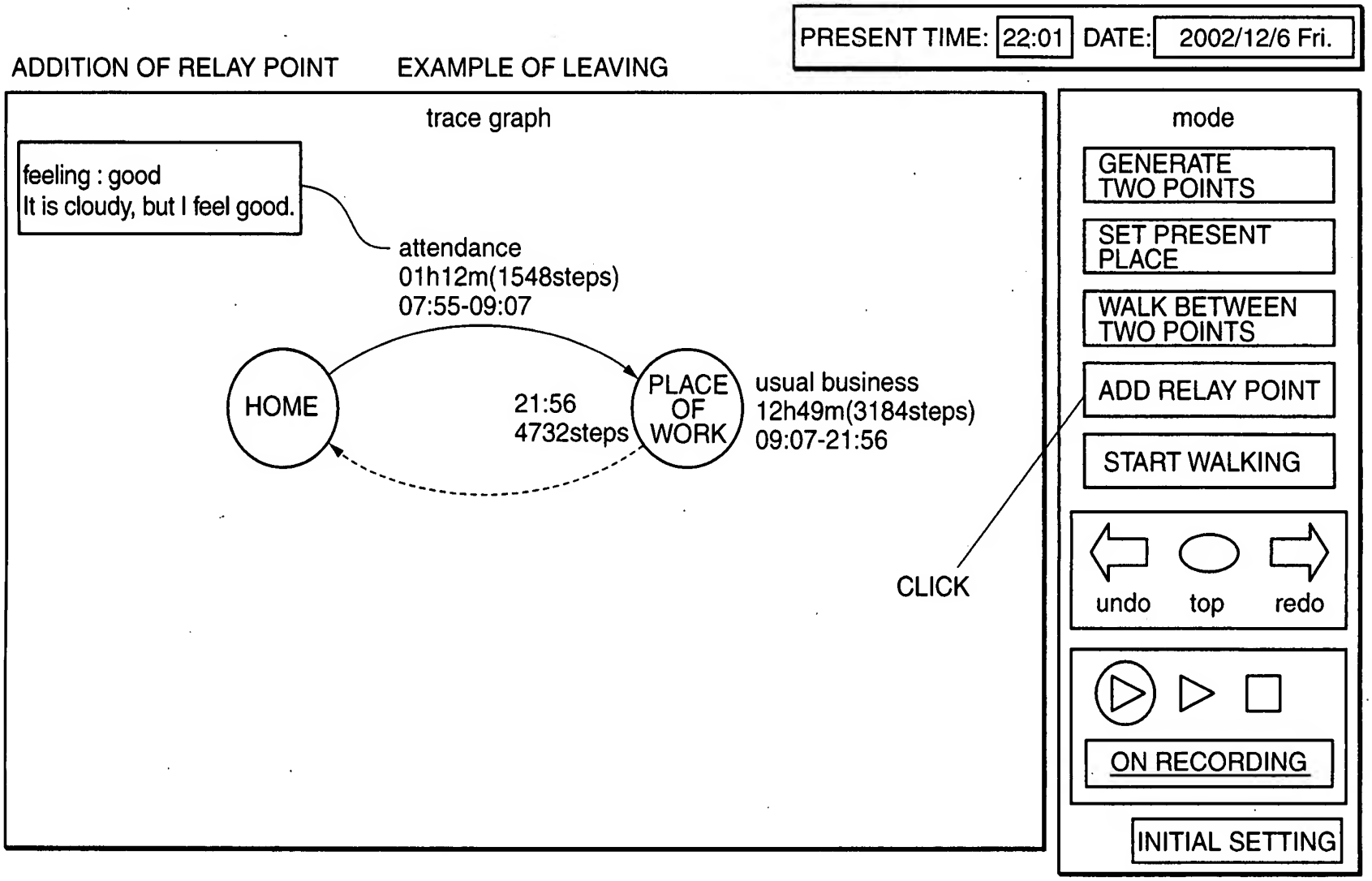
PRESENT TIME: 22:01 DATE: 2002/12/6 Fri.
ADDITION OF RELAY POINT
EXAMPLE OF LEAVING
trace graph
feeling : good
It is cloudy, but I feel good.
attendance
01h12m(1548steps)
07:55-09:07
HOME
21:56
4732steps
PLACE OF WORK
usual business
12h49m(3184steps)
09:07-21:56
CLICK
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.26

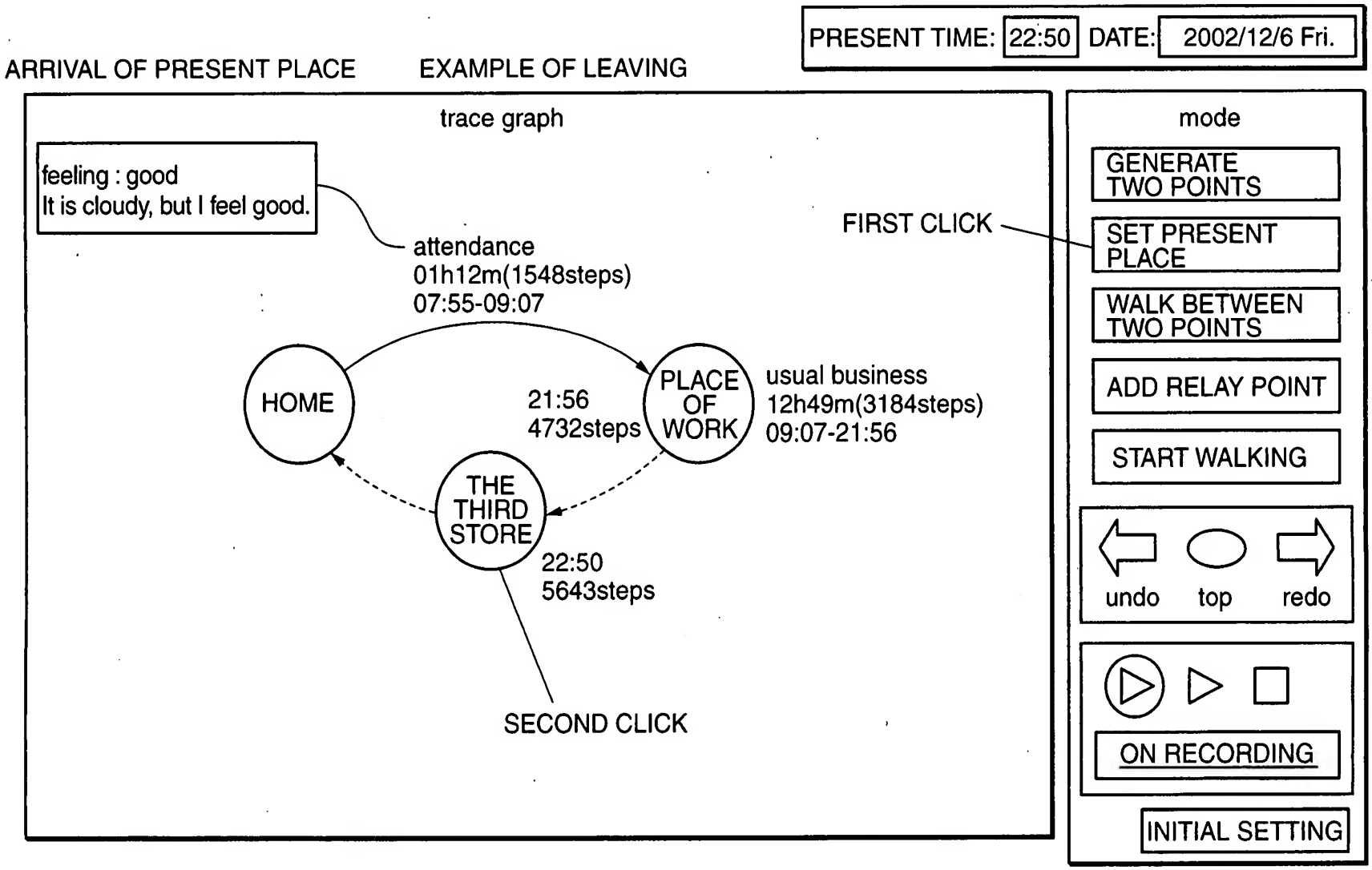
PRESENT TIME: 22:50 DATE: 2002/12/6 Fri.
ARRIVAL OF PRESENT PLACE
EXAMPLE OF LEAVING
trace graph
feeling : good
It is cloudy, but I feel good.
attendance
01h12m(1548steps)
07:55-09:07
FIRST CLICK
HOME
21:56
4732steps
PLACE OF WORK
usual business
12h49m(3184steps)
09:07-21:56
THE THIRD STORE
22:50
5643steps
SECOND CLICK
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.27

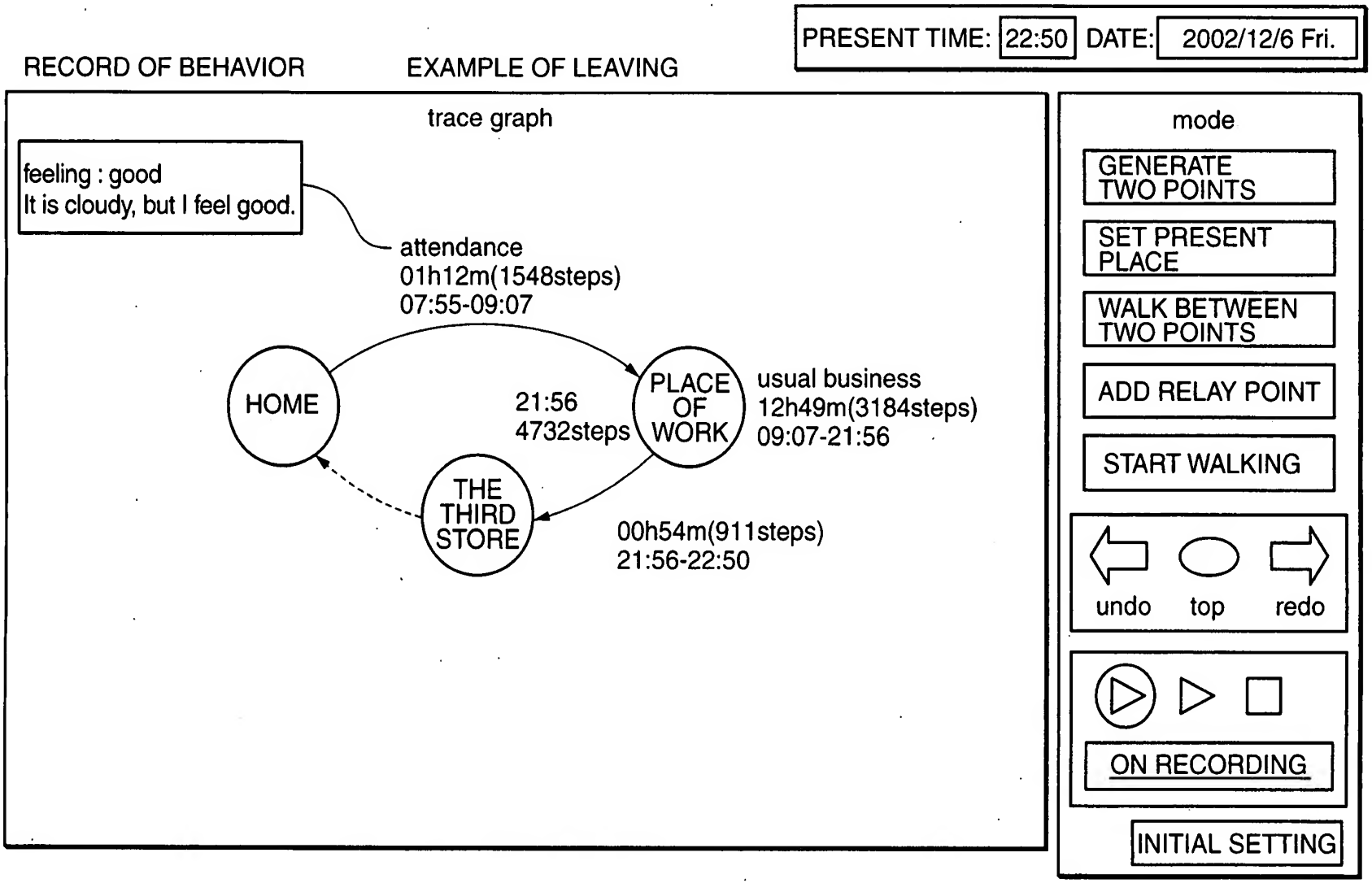
PRESENT TIME: 22:50 DATE: 2002/12/6 Fri.
RECORD OF BEHAVIOR
EXAMPLE OF LEAVING
trace graph
feeling : good
It is cloudy, but I feel good.
attendance
01h12m(1548steps)
07:55-09:07
HOME
21:56
4732steps
PLACE OF WORK
usual business
12h49m(3184steps)
09:07-21:56
THE THIRD STORE
00h54m(911steps)
21:56-22:50
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.28

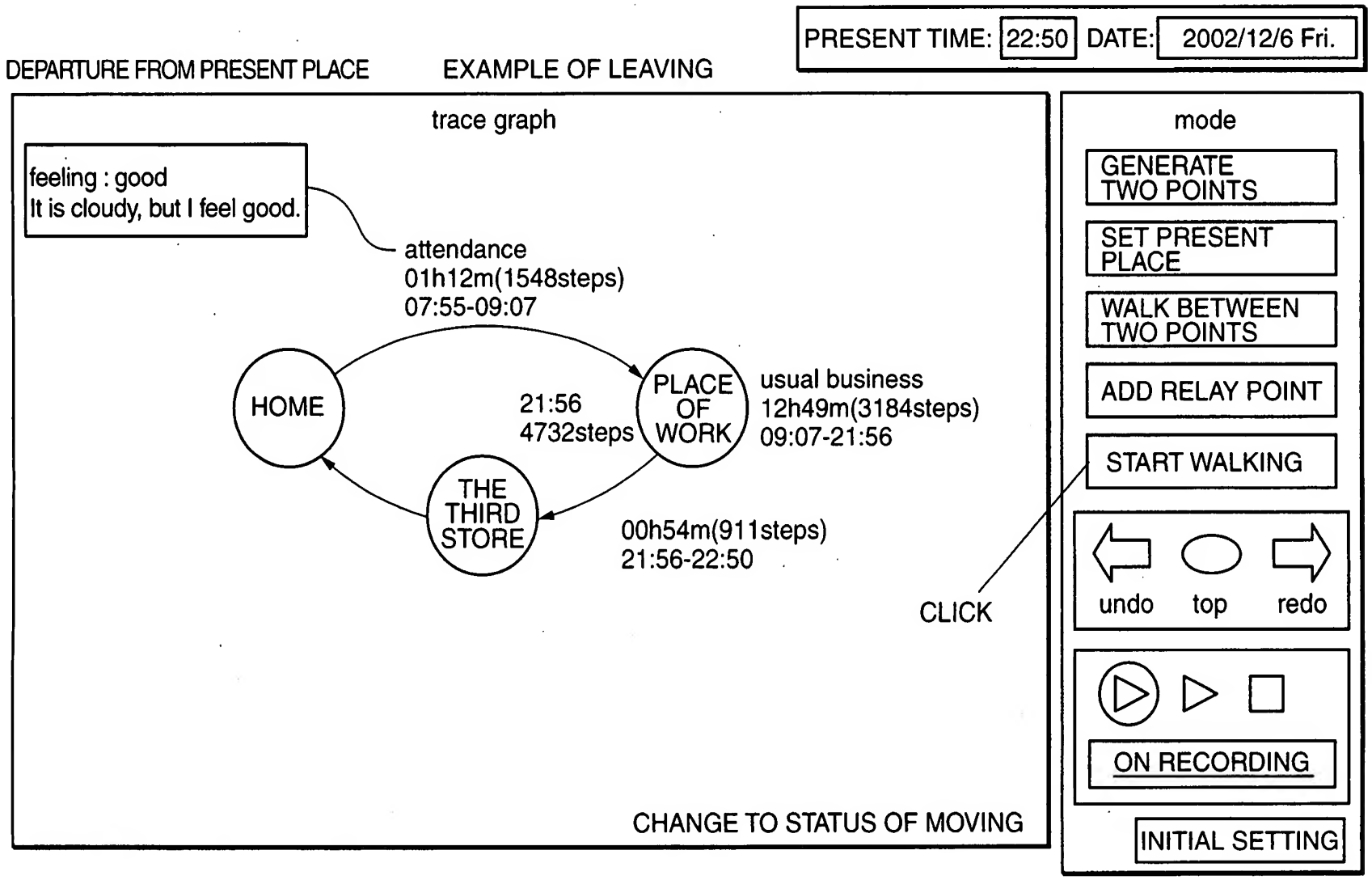
PRESENT TIME: 22:50 DATE: 2002/12/6 Fri.
DEPARTURE FROM PRESENT PLACE
EXAMPLE OF LEAVING
trace graph
feeling : good
It is cloudy, but I feel good.
attendance
01h12m(1548steps)
07:55-09:07
HOME
21:56
4732steps
PLACE OF WORK
usual business
12h49m(3184steps)
09:07-21:56
THE THIRD STORE
00h54m(911steps)
21:56-22:50
CLICK
CHANGE TO STATUS OF MOVING
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.29

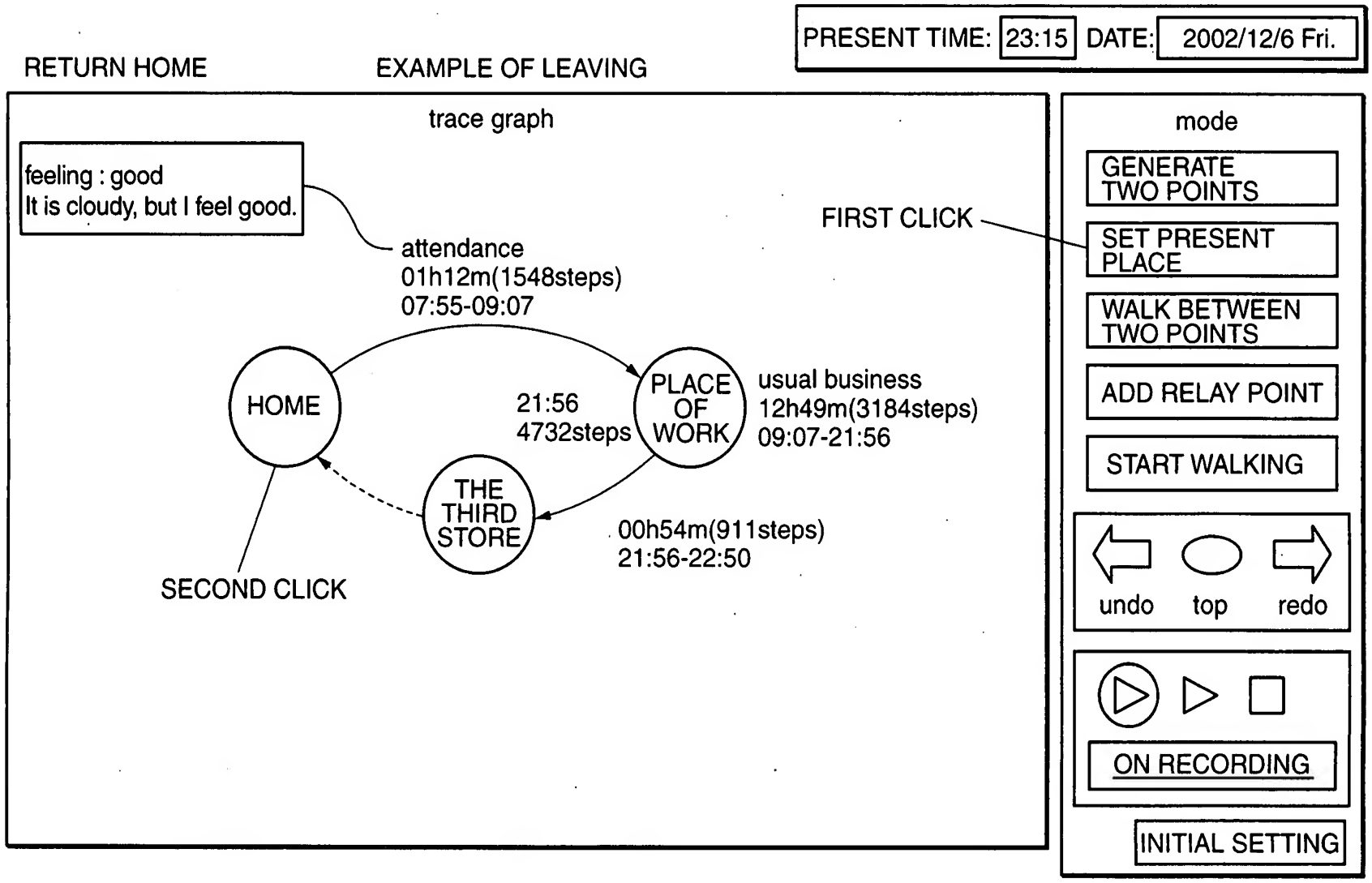
PRESENT TIME: 23:15 DATE: 2002/12/6 Fri.
RETURN HOME
EXAMPLE OF LEAVING
trace graph
feeling : good
It is cloudy, but I feel good.
attendance
01h12m(1548steps)
07:55-09:07
HOME
21:56
4732steps
PLACE OF WORK
usual business
12h49m(3184steps)
09:07-21:56
THE THIRD STORE
00h54m(911steps)
21:56-22:50
SECOND CLICK
FIRST CLICK
mode
GENERATE TWO POINTS
SET PRESENT PLACE
WALK BETWEEN TWO POINTS
ADD RELAY POINT
START WALKING
undo
top
redo
ON RECORDING
INITIAL SETTING

Fig.30

BEHAVIOR SCHEDULE DATA SET

NO.	date	start time	end time	FROM	TO	user	behavior label	route schedule
1	2002/12/19	7:30	8:30	home	place of work	taro	attendance	usual commutation route

BEHAVIOR DATA SET

NO.	date	start time	end time	FROM	TO	user	behavior label	route
1	2002/12/19	7:35	8:39	home	place of work	taro	attendance	usual commutation route

FEELING DATA SET

NO.	date	start time	end time	user	feeling	feeling description
1	2002/12/19	7:35	8:39	taro	worst	My feeling is the worst because I was almost squeezed to death in the crowded train.

SENSOR DATA SET

NO.	date	start time	end time	sensor A measurement value FROM	sensor A measurement value TO
1	2002/12/19	7:35	8:39	0	1867

INTEGRATED BEHAVIOR DATA SET

NO.	date	start time	end time	route	user	behavior label	necessary time	start delay time	necessary extension time	number of steps	accumulated number of steps	feeling	feeling description
1	2002/12/19	7:35	8:39	usual commutation route	taro	attendance	01h04m	00h05m	00h04m	1867	1867	worst	My feeling is worst because I was squeezed to death in the crowded train.

Fig.31

SET SO THAT THE NUMBER OF STEPS IS CONSTANTLY ABOVE 7000 STEPS

If it is not rain on Dec.12 and the user did not go shopping the previous day, the schedule is reorganized to go to office by 9:07 and leave the office by 21:26.

(BEHAVIOR SCHEDULE OF DEC.12)
BEHAVIOR SCHEDULE DATA SET

NO.	date	start time	end time	FROM	TO	user	behavior label	route schedule
1	2002/12/12	8:30	9:30	home	place of work	taro	attendance	usual commutation route
2	2002/12/12	9:30	22:00	private room		taro	usual business	circumference routes of private room
3	2002/12/12	22:30	23:00	place of work	home	taro	leaving	usual commutation route

(REORGANIZED BEHAVIOR SCHEDULE)
BEHAVIOR SCHEDULE DATA SET

NO.	date	start time	end time	FROM	TO	user	behavior label	route schedule	estimated number of steps
1	2002/12/12	8:00	9:00	home	place of work	taro	attendance	usual commutation route	1657
2	2002/12/12	9:00	21:30	private room		taro	usual business	circumference routes of private room	3616
3	2002/12/12	21:30	22:00	place of work	home	taro	leaving	shopping commutation route	3340
								(total)	8613

Fig.32

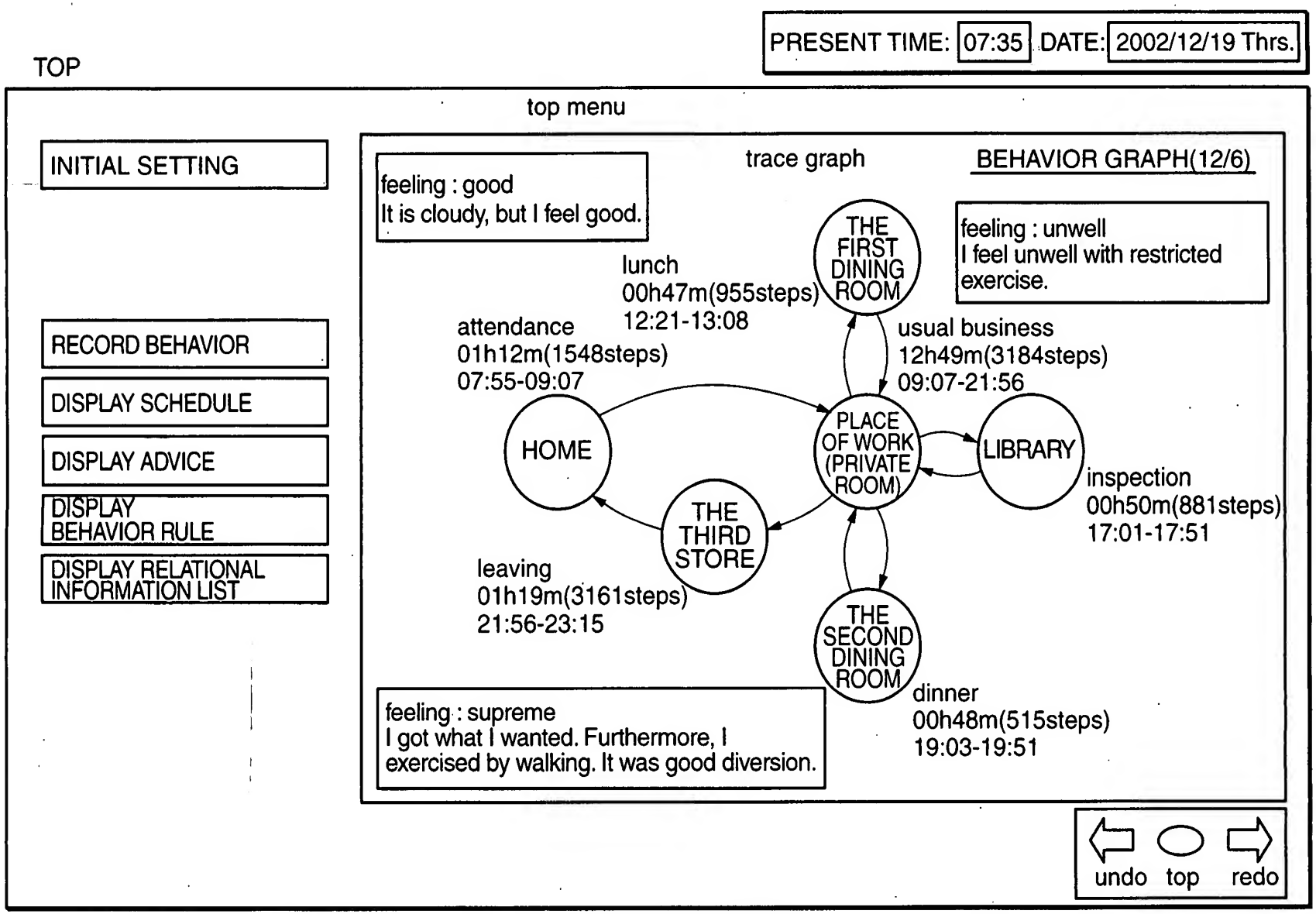
TOP
PRESENT TIME: 07:35 DATE: 2002/12/19 Thrs.
top menu
INITIAL SETTING
RECORD BEHAVIOR
DISPLAY SCHEDULE
DISPLAY ADVICE
DISPLAY BEHAVIOR RULE
DISPLAY RELATIONAL INFORMATION LIST
trace graph
BEHAVIOR GRAPH(12/6)
feeling : good
It is cloudy, but I feel good.
feeling : unwell
I feel unwell with restricted exercise.
feeling : supreme
I got what I wanted. Furthermore, I exercised by walking. It was good diversion.
THE FIRST DINING ROOM
HOME
PLACE OF WORK (PRIVATE ROOM)
LIBRARY
THE THIRD STORE
THE SECOND DINING ROOM
lunch
00h47m(955steps)
12:21-13:08
attendance
01h12m(1548steps)
07:55-09:07
usual business
12h49m(3184steps)
09:07-21:56
inspection
00h50m(881steps)
17:01-17:51
leaving
01h19m(3161steps)
21:56-23:15
dinner
00h48m(515steps)
19:03-19:51
undo
top
redo

Fig.33

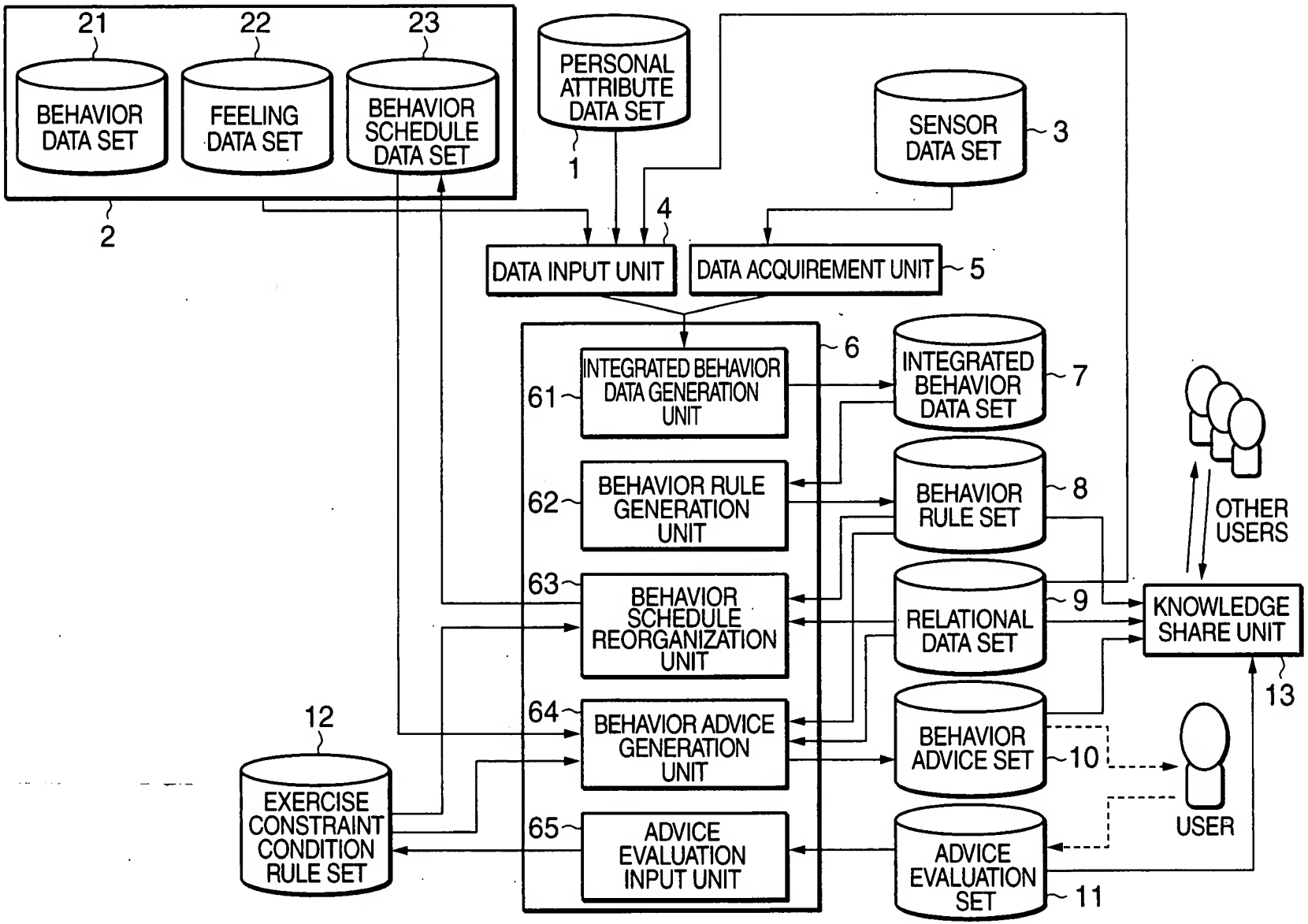
21
22
23
BEHAVIOR DATA SET
FEELING DATA SET
BEHAVIOR SCHEDULE DATA SET
2
PERSONAL ATTRIBUTE DATA SET
1
SENSOR DATA SET
3
4
DATA INPUT UNIT
DATA ACQUIREMENT UNIT
5
6
61
INTEGRATED BEHAVIOR DATA GENERATION UNIT
62
BEHAVIOR RULE GENERATION UNIT
63
BEHAVIOR SCHEDULE REORGANIZATION UNIT
64
BEHAVIOR ADVICE GENERATION UNIT
65
ADVICE EVALUATION INPUT UNIT
INTEGRATED BEHAVIOR DATA SET
7
BEHAVIOR RULE SET
8
RELATIONAL DATA SET
9
BEHAVIOR ADVICE SET
10
ADVICE EVALUATION SET
11
OTHER USERS
KNOWLEDGE SHARE UNIT
13
USER
12
EXERCISE CONSTRAINT CONDITION RULE SET

Fig.34

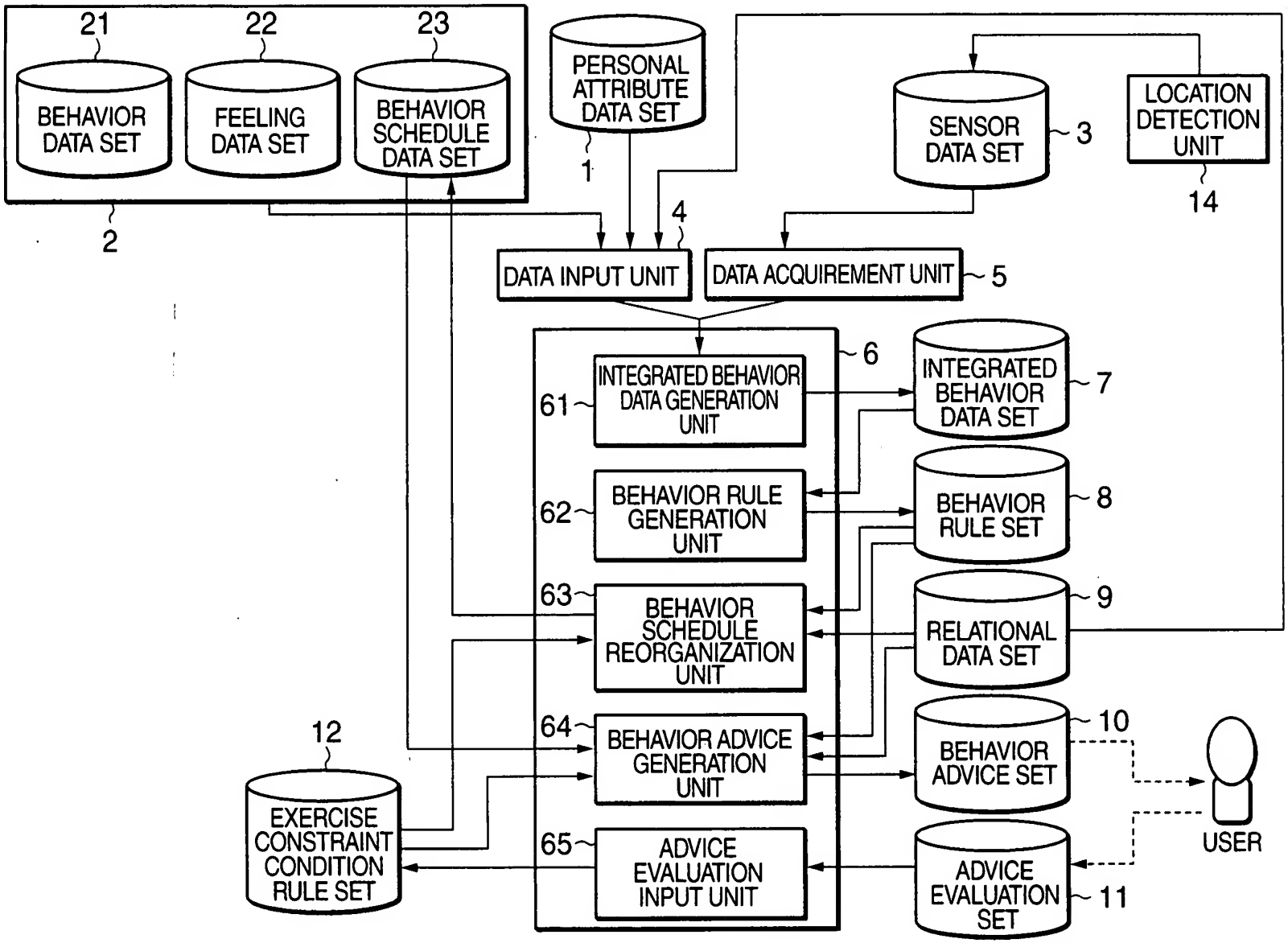
21
22
23
BEHAVIOR DATA SET
FEELING DATA SET
BEHAVIOR SCHEDULE DATA SET
2
PERSONAL ATTRIBUTE DATA SET
1
SENSOR DATA SET
3
LOCATION DETECTION UNIT
14
4
DATA INPUT UNIT
DATA ACQUIREMENT UNIT
5
6
61
INTEGRATED BEHAVIOR DATA GENERATION UNIT
INTEGRATED BEHAVIOR DATA SET
7
62
BEHAVIOR RULE GENERATION UNIT
BEHAVIOR RULE SET
8
63
BEHAVIOR SCHEDULE REORGANIZATION UNIT
RELATIONAL DATA SET
9
64
BEHAVIOR ADVICE GENERATION UNIT
BEHAVIOR ADVICE SET
10
12
EXERCISE CONSTRAINT CONDITION RULE SET
65
ADVICE EVALUATION INPUT UNIT
ADVICE EVALUATION SET
11
USER

Fig.35